

**AMPEX**

## **SMC-100 Slow Motion Controller**

The SMC-100 slow motion remote control accessory doubles the flexibility of the VPR-1, VPR-2 and VPR-2B series recorders. The SMC-100 provides a host of convenience features, whether for remote acquisition or creative post-production. It works with any VPR-1 equipped with the variable slow motion and shuttle feature plus the AST automatic scan tracking system or any VPR-2 or VPR-2B having the AST system alone installed.

Full broadcast slow motion and recognizable picture in shuttle are

provided when the Ampex TBC-2 or TBC-2B digital time base corrector is added. When used with VPR-1 or VPR-2, normal play, 1/2 speed, 1/5 speed, variable control of slow motion playback, shuttle in both directions and freeze frame in the playback mode are possible. When used with the VPR-2B, variable control of playback is expanded from 1/4 speed reverse to 1-1/4 speed forward. When used with the STC-100 search-to-cue accessory, it allows up to 99 independently searchable cue points.

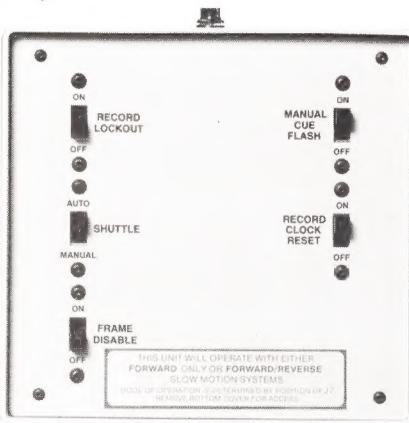


## Installation

Connection of the SMC-100 controller to the VTR in use is a simple matter of plugging the controller cable into the recorder's remote connector on the rear panel of the machine. A VTR may be remoted up to 100 feet from the controller. The SMC-100 is powered by the recorder's internal supply.

## Dimensions

Height 10 $\frac{1}{4}$  inch (259 mm), Depth 15 inch (381 mm), Width 8 inch (203 mm).



Rear power controls

## Control Functions

**Ready** puts the VTR in the ready mode.

**Record** by pushing the record button, the VTR enters the record mode. The clock timer can optionally be reset to zero on entering Record.

**Normal** illuminates when selected and puts VTR into normal play mode.

**Slow motion 1** puts the VTR into a slow motion speed which represents a nominal half play speed.

**Slow motion 2** puts the VTR into nominal 1/5 play speed.

**Slow motion 3** enables the adjustable lever that controls the play speed.

**Reverse jog** puts the VTR into reverse slow motion at nominal two frames per second.

**Forward jog** puts the VTR into forward slow motion at nominal two frames per second.

**Fast forward** initiates shuttle in forward direction.

**Fast reverse** initiates shuttle in reverse direction.

**Clock reset** resets the clock display to zero.

**Search** enables the automatic search-to-cue mode. The recorder will search to the cue which is represented by a flashing LED on the clock face.

**Manual cue** enables the operator to have a clockface indication of two manually searchable cues.

**Auto cue** selects one automatically searchable cue

**Display freeze** permits freezing of the clock and tape timer displays. Operating a second time results in clock and timer returning to correct time position.

## Secondary Rear Panel Controls

**Record lockout:** While ON prevents the system from going into Record mode while remoted to the SMC-100. Indicator on top of clock is illuminated when Record Lockout is ON.

**Shuttle:** AUTO permits shuttle speed in forward or reverse direction to be set by the duration either shuttle pushbutton is held down. System latches in shuttle.

**MANUAL shuttle** permits the VTR to go into forward or reverse shuttle at full speed. Pushbutton does not latch and system returns to freeze upon release of pushbutton.

**Frame disable:** Allows timer frames display to be turned off.

**Manual cue flash:** Allows manual cue points to flash when system is in freeze mode, to permit differentiation between VTR mark and manual cue.

**Record clock reset:** Allows clock to be reset to zero when VTR is put into record.

For more information, contact your Ampex sales representative.

**AMPEX**

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